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		TDANICALITYAL LETTED	TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER 701019					
			TO THE UNITED STATES	CLIENT REF. NO.					
		DESIGNATED/ELECT	ED OFFICE (DO/EO/US)	Tak-201493					
		CONCERNING A SUBMISS	SION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (if known, see 37 CFR 1.5)					
				10/582,602					
INT	RNA	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
	PCT/JP2004/018479 10 December 2004 (10.12.2004) 11 December 2003 (11.12.2003)								
			DERIVATIVES AND USE THER	EOF AS MEDICINES					
APP	LICAI	NT(S) FOR DO/EO/US	AKAHOSHI et al.						
App	olica	nt herewith submits to the United S		O/US) the following items and other information:					
1.		This is a FIRST submission of iter	ms concerning a filing under 35 USC 37	1 and 37 CFR 1.491.					
2.	$\boxtimes$	This is a SECOND or SUBSEQUE	ENT submission of items concerning a fi	iling under 35 USC 371 and 37 CFR 1.491.					
3.		This is an express request to beg	in national examination procedures (35	USC 371(f)).					
4.		The US has been elected (PCT A	rticle 31).						
5.		b.  has been communicated	ation as filed (35 USC 371(c)(2)) red only if not communicated by the Into by the International Bureau. pplication was filed in the United States F						
6.		<ul> <li>a.</li></ul>	of the International Application as filed (3) mitted under 35 U.S.C. 154(d)(4).	5 USC 371(c)(2)).					
7.		<ul><li>a.  are attached hereto (requ</li><li>b.  have been communicate</li></ul>	International Application under PCT Artiuired only if not communicated by the Index by the Index the Index of Index of the Index of the Index of Ind	ternational Bureau).					
8.		An English language translation o	f the amendments to the claims under F	PCT Article 19 (35 USC 371(c)(3)).					
9.		An oath or declaration of the inver	ntor(s) (35 USC 371(c)(4)).						
10.		An English language translation o (35 USC 371(c)(5)).	f the annexes to the International Prelim	inary Examination Report under PCT Article 36					
11.	<ul> <li>11. Nucleotide and/or Amino Acid Sequence Submission</li> <li>a.  Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ul> <li>i.  CD-ROM or CD-R (2 copies); or</li> <li>ii.  Paper Copy</li> <li>c.  Statement verifying identity of above copies</li> </ul> </li> </ul>								
	Items 12 to 20 below concern other document(s) or information included:  12. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. ☑ Form PTO-1449								
14. 15. 16.	Copies of References (except for U.S. patents and applications)  An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  A FIRST preliminary amendment.  A SECOND or SUBSEQUENT preliminary amendment.								
			CFR 1.76						
	$\boxtimes$	Return Receipt Postcard Other items or information:	. 65						

		701019	NO. CLIENT REF. NO. Tak-201493						
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/582,602	INTERNATIONAL APPLICATION NO. PCT/JP2004/018479	ATTORNEY DOCKET NO. 701019	CLIENT REF. NO. Tak-201493
EV 708754350 U	IS	September 1,	2006
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International Patent Application, inc the United States Postal Service "E		nereon as enclosures, is b	eing deposited with
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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/582,602

Applicant: Akahoshi et al.

Filed: June 9, 2006

TC/AU: Unassigned

Examiner: Unassigned

Docket No.: 701019 (Client Reference No. 201493)

Customer No.: 23460

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date

In re Appln. of Akahoshi et al. Application No. 10/582,602

	of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
	after (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:
	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
	or the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
	after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 a set forth in 37 CFR 1.17(p) (see "Fees" below).
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).  NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.
Copi	es of the References
	Copies of all of the references listed on the enclosed Form 1449 are enclosed herewith.
$\boxtimes$	Copies of U.S. patents and patent applications that are listed on the accompanying Form 1449 are not enclosed herewith. Copies of other references identified on the accompanying Form 1449 are enclosed herewith.
$\boxtimes$	Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
$\boxtimes$	A copy of the foreign search report is enclosed herewith.
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not

In re Appln. of Akahoshi et al. Application No. 10/582,602

submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLI	CATIONS	STATUS (check one)				
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED		
1.						
2.						
3.						

State	ment under 37 CFR 1.97(e)
	The <b>undersigned</b> hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.
	The <b>undersigned</b> hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
State	ment under 37 CFR 1.704(d)
	The <b>undersigned</b> hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
Fees	
	No fee is owed by the applicant(s). Charge Deposit Account No. 12-1216 in the amount of \$180.00 (37 CFR 1.17(p)). (A duplicate copy of this communication is enclosed for that purpose.)

In re Appln. of Akahoshi et al. Application No. 10/582,602

## **Authorization to Charge Additional Fees**

If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.)

## Instructions as to Overpayment

Credit Account No. 12-1216.
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John Kilyk, Jr., Reg. No. 39,763 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Avenue Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: September 1, 2006

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Substitute for form 1449A/B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

	Complete if Known						
Application Number	10/582,602						
Filing Date	June 9, 2006						
First Named Inventor	AKAHOSHI, Fumihiko						
Group Art Unit	Unassigned						
Examiner Name	Unassigned						
Attorney Docket Number	701019						
Client Reference No.	201493						

				U.S. PATENT DOCUMENTS		
		U.S. Patent Document				
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
	AA	2003/0134802	A1	Demuth et al.	Jul. 17, 2003	
	ΑВ	2004/0063935	A1	Yasuda et al.	Apr. 1, 2004	
	AC	2004/0106656	A1	Ashton et al.	Jun. 3, 2004	
	AD	2004/0229926	A1	Yasuda et al.	Nov. 18, 2004	
	ΑE	2005/0054678	A1	Yasuda et al.	Mar. 10, 2005	
	AF	2005/0203030	A1	Demuth et al.	Sep. 15, 2005	
	AG	6,548,481	B1	Demuth et al.	Арг. 15, 2003	
	ΑН	6,849,622	B2	Yasuda et al.	Feb. 1, 2005	
	ΑI	7,026,316	B2	Ashton et al.	Apr. 11, 2006	

				FORE	IGN PATENT DOCUMENTS			
		F	oreign Patent Docume	nt			Trans	slation
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	ΑL	WO	02/076450	A1	Merck & Co., Inc.	Oct. 3, 2002		
	ΑМ	JP	2004-244412	A	Kotobuki Seiyaku KK	Sept. 2, 2004		X*+
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		OTHER - NON PATENT LITERATURE DOCUMENTS		
Examiner	Doc.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item		lation
Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No**
	AN	HEYMANN et al., FEBS Letters, 91(2): 360-364 (July 1978)		
	AO	SCHÖN et al., Biomed. Biochim. Acta, 44(2): K9-K15 (1985)		
	AP	JOHNSON et al., The Journal of Cell Biology, 121(6): 1423-1432 (1993)		ì
	AQ	CALLEBAUT et al., Science, 262: 2045-2050 (December 24, 1993)		
	AR	DEACON et al., Journal of Clinical Endocrinology and Metabolism, 80(3): 952-957		
		(1995)		
	AS	DEACON et al., American Journal of Physiology, 271: E458-E464 (1996)		
	ΑТ	KNUDSEN et al., European Journal of Pharmacology, 318: 429-435 (1996)		
	ΑU	WIEDEMAN et al., Current Opinion in Investigational Drugs, 4(4): 412-420 (2003)		
	AV	CALDWELL et al., Bioorganic & Medicinal Chemistry Letters, 14: 1265-1268 (2004)		
	AW	PARMEE et al., Bioorganic & Medicinal Chemistry Letters, 14: 43-46 (2004)		

Examiner Signature	/Noble Jarrell/ (04/09/2008)	Date Considered	

<sup>\*</sup> A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.J./ (04/09/2008)



<sup>+</sup> An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).